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Date: Feb 10, 2006	
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IDS for 10/709,108

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78.1178

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FEB 10 2006

In re Application of:

Boucher, et al.

Serial No.: 10/709,108

Filed: April 14, 2004

For: On-Bit, Analog Multiplexer for
Transmission of Multi-Channel
Drilling Information

Art Unit No.: 3672

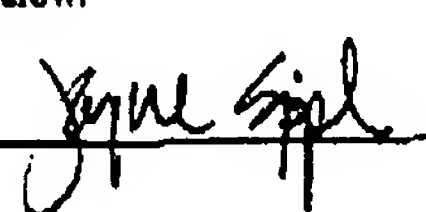
Examiner:

Docket No.: 78.1178

February 10, 2006

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Respectfully submitted,



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PTO/SB/08A (08-03)

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Substitute for form 1448/PTO

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STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete If Known

Application Number	10/709,108
Filing Date	April 14, 2004
First Named Inventor	Boucher, et al.
Art Unit	3672
Examiner Name	
Attorney Docket Number	78.1178

Sheet 1 of 2

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US- 3707700	12/26/1972	Lafont	
		US- 4033186	07/05/1977	Bresie	
		US- 4161782	07/17/1979	McCracken	
		US- 4227404	10/14/1980	West	
		US- 4227405	10/14/1980	West	
		US- 4409824	10/18/1983	Salama et al	
		US- 4415895	11/15/1983	Flagg	
		US- 4434971	03/06/1984	Cordrey	
		US- 4469760	07/17/1984	Watson et al	
		US- 4507735	03/26/1985	Moorehead et al.	
		US- 4527425	07/09/1985	Stockton	
		US- 4556884	12/03/1985	Howells et al	
		US- 4578675	03/25/1986	MacLeod	
		US- 4583093	04/15/1986	Beals	
		US- 5064006	11/12/1991	Waters et al.	
		US- 5133417	07/28/1992	Rider	
		US- 5230387	07/27/1993	Waters et al	
		US- 5251708	10/12/1993	Perry et al.	
		US- 5273122	12/28/1993	Henneuse	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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Sheet 12

of 12

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Application Number	10/709,108
Filing Date	April 14, 2004
First Named Inventor	Boucher, et al.
Art Unit	3672
Examiner Name	
Attorney Docket Number	78.1178

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		Number-Kind Code ² (if known)			
		US- 5278758	01/11/1994	Perry et al.	
		US- 5454605	10/03/1995	Mott	
		US- 5813480	09/29/1998	Zaleski Jr et al.	
		US- 5908212	06/01/1999	Smith et al.	
		US- 6028915	02/22/2000	Smith et al.	
		US- 6230822 B1	05/15/2001	Sullivan et al.	
		US- 6550321 B1	04/22/2003	Patey et al.	
		US- 6626251 B1	09/30/2003	Sullivan et al.	
		US- 6670880 B1	12/30/2003	Hall, et al.	
		US- 6842990 B2	01/18/2005	Taylor	
		US- RE 31,222	04/26/1983	McCracken	
		US-			
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FOREIGN PATENT DOCUMENTS

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		Country Code ⁴ Number ⁴ Kind Code ⁵ (if known)				
		EP 0186328	07/02/1986	Halliburton		

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